	Application No.	A1:	
Notice of Allowability	Application No.	у фризанце)	
	09/971,952	PRINDIVILLE ET AL.	
	Examiner	Art Unit	
	Lourdes C. Cruz	2827	
The MAILING DATE of this communication at All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATEN of the Office or upon petition by the applicant. See 37 CFR 1	5-15 (OR REMAINS) CLOSED -85) or other appropriate comn IT RIGHTS. This application is .313 and MPEP 1308.	in this application. If not inclu	uded
1. This communication is responsive to <u>An amendment factors</u>	<u>iled 05-16-03</u> .		
2. The allowed claim(s) is/are <u>30-32 and 36-40</u> .			
3. The drawings filed on are accepted by the Exar	miner.		
a) ☐ All b) ☐ Some* c) ☐ None of the:		or (f).	
□ Certified copies of the priority documents h			
2. Certified copies of the priority documents h	nave been received in Applicati	on No	
3. ☐ Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)	/ documents have been receive	ed in this national stage applic	cation from the
* Certified copies not received:).		
5. Acknowledgment is made of a claim for domestic priorit	ty under 25 11 5 C 5 440(a) (4a		
(a) The translation of the foreign language provision	ry under 33 0.3.C. § 119(e) (to	a provisional application).	
6. Acknowledgment is made of a claim for domestic priorit	ty under 35 U.S.C. 88 120 and/	or 121	
Applicant has THREE MONTHS FROM THE "MAILING DATE below. Failure to timely comply will result in ABANDONMENT 7. A SUBSTITUTE OATH OR DECLARATION must be su INFORMAL PATENT APPLICATION (PTO-152) which gives result in a submitted. 8. CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Drafts in including changes required by the proposed drawing including changes required by the attached Examination including changes required by the attached Examination including indicia such as the application number (see 37 CFI each sheet.	ubmitted. Note the attached EX reason(s) why the oath or declar person's Patent Drawing Revieung correction filed 22 July 2002 ner's Amendment / Comment o	AMINER'S AMENDMENT or tration is deficient. w (PTO-948) attached w which has been approved to the office action of Paper	T EXTENDABLE NOTICE OF by the Examiner. r No
9. DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMENT FOR	posit of BIOLOGICAL MATE R THE DEPOSIT OF BIOLOGIC	ERIAL must be submitted. CAL MATERIAL.	Note the
Attachment(s)			
 1⊠ Notice of References Cited (PTO-892) 3□ Notice of Draftperson's Patent Drawing Review (PTO-948) 5□ Information Disclosure Statements (PTO-1449), Paper No. 7□ Examiner's Comment Regarding Requirement for Deposit of Biological Material) 4⊠ Interview 6⊠ Examine	f Informal Patent Application (/ Summary (PTO-413), Paper r's Amendment/Comment r's Statement of Reasons for	r No. <u>32</u> .

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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Rupert on 06-10-2003.

The application has been amended as follows:

In the Specification:

Please amend the title to be "Semiconductor Package Having Defective Substrate"

In the claims:

In claim 30:

The following is an examiner's statement of reasons for allowance: There is prior art regarding semiconductor devices that are defective. These dies are commonly referred to in the art as defective or Known Bad Die or KBD. See US 6569753 to Akram

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et al., US 6534876 to Glenn, and US6573112 to Kono et al. wherein the prior art of record discloses discarding of the Known Bad or defective dies in order to attach tested good dies to substrates thus avoiding waste of substrates or labor. Additionally, see that there is prior art regarding substrates having first and second surfaces, conductors, a die attach site, and a wire bond slot (See US6462274 to Shim et al. and US 6531335 to Grigg). Also see that Grigg above discloses defective substrates/interposers that are deleted from further processing.

The Application as amended discloses the specific limitations of a defective substrate having a first surface with a pattern of conductors and having a second surface with defective die attach area; a wire bond slot in the substrate extending from first to second surfaces, and a cover member attached to the defective substrate on the second surface as to cover at least a portion of the opening, wherein the cover does not comprise a functional die. This very specific limitations in combination with all other limitations in the claims make up for a device that is neither obvious over nor anticipated by the prior art of record, which fails to, either alone or in combination, anticipate the device as claimed. Therefore, the application is allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elle Cruz whose telephone number is 703-306-5691. The examiner can normally be reached on M-F 10-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on 703-305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

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Elle Cruz June 10, 2003

Lourdes C. Cruz

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